ABSTRACT

A mitotic kinesin Eg5 inhibitor which comprises a thiadiazoline derivative represented by the general formula (I) or a pharmacologically acceptable salt thereof as an active ingredient:

$$\begin{array}{c}
R^{3} \\
R^{4} \\
N-N \\
R^{5}
\end{array}$$

$$\begin{array}{c}
N^{-1} \\
R^{2}
\end{array}$$

$$\begin{array}{c}
R^{1} \\
R^{2}
\end{array}$$

[wherein R¹ represents a hydrogen atom and the like, R² represents a hydrogen atom, -C(=W)R6 (wherein W represents an oxygen atom or a sulfur atom, and R6 represents substituted or unsubstituted lower alkyl and the like) and the like, R³ represents -C(=Z)R¹9 (wherein Z represents an oxygen atom or a sulfur atom, and R¹9 represents substituted or unsubstituted lower alkyl and the like) and the like, R⁴ represents substituted or unsubstituted lower alkyl and the like, and R⁵ represents substituted or unsubstituted aryl and the like] and the like are provided.